

OpcDataChangeFilter Members

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll

The [OpcDataChangeFilter](#) type exposes the following members.

Constructors

OpcDataChangeFilter()

Initializes a new instance of the [OpcDataChangeFilter](#) class.

C#

```
public OpcDataChangeFilter()
```

OpcDataChangeFilter(OpcDataChangeTrigger)

Initializes a new instance of the [OpcDataChangeFilter](#) class using the [trigger](#) specified to use as the initial value of the [Trigger](#) property.

C#

```
public OpcDataChangeFilter(OpcDataChangeTrigger trigger)
```

Parameters

[trigger](#) [OpcDataChangeTrigger](#)

One of the values defined by the [OpcDataChangeTrigger](#) enumeration which specifies the conditions under which a data change notification is to be reported.

Properties

DeadbandType

Gets or sets a value which defines how value changes shall be classified as part of the 'deadband' or the 'liveband'. Only value changes within the 'liveband' are reported.

C#

```
public OpcDeadbandType DeadbandType { get; set; }
```

Property Value

[OpcDeadbandType](#)

One of the members defined by the [OpcDeadbandType](#) enumeration. The value [None](#) indicates that every value change will be reported. For more information about the use of different values see [OpcDeadbandType](#).

DeadbandValue

Gets or sets the limit of the 'band'-logic used to classify value changes as part of the 'deadband' or the 'liveband'. The interpretation of the [DeadbandValue](#) depends on the value of the [DeadbandType](#) property.

C#

```
public double DeadbandValue { get; set; }
```

Property Value

[Double](#)

A value indicating the limit upon a value change is reported or not. For more information about the interpretation of the value see [DeadbandType](#).

Trigger

Gets or sets a value which specifies the conditions under which a data change notification is to be reported. The default value is [StatusValue](#).

C#

```
public OpcDataChangeTrigger Trigger { get; set; }
```

Property Value

[OpcDataChangeTrigger](#)

One of the members defined by the [OpcDataChangeTrigger](#) enumeration.

Table of Contents

Constructors	1
OpcDataChangeFilter()	1
OpcDataChangeFilter(OpcDataChangeTrigger)	1
Properties	1
DeadbandType	1
DeadbandValue	2
Trigger	2

